

01-29-04



CASE 4-20890C

FILING BY "EXPRESS MAIL" UNDER 37 CFR 1.10

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1/27/2004  
Date of Deposit

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF

CUENOUD ET AL.

APPLICATION NO: 10/696,488

FILED: OCTOBER 29, 2003

FOR: 2'-SUBSTITUTED NUCLEOSIDES AND OLIGONUCLEOTIDE  
DERIVATIVES

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

This paper is being filed within three months of the filing date of the application. Therefore, no fees are required. If a fee is deemed to be required, the Commissioner is hereby authorized to charge such fee to Deposit Account No. 19-0134.

In accordance with 37 C.F.R. §1.56, applicants wish to call the Examiner's attention to the references cited on the attached form PTO-1449.

The listed references are of record in parent Application No. 09/194,844 filed May 14, 1999, and copies are available therein. However, applicants are willing to send copies of any or all of these references at the Examiner's request.

The Examiner is requested to consider the foregoing information in relation to this application and indicate that each reference was considered by returning a copy of the initialed PTO 1449 form(s).

Respectfully submitted,



George R. Dohmann  
Attorney for Applicants  
Reg. No. 33,593  
(862) 778-7824

Novartis  
Corporate Intellectual Property  
One Health Plaza, Building 430  
East Hanover, NJ 07936-1080

Date: 1/27/2004

(use several sheets if necessary)

ATTY. DOCKET NO.  
4-20890/A/PCT  
APPLICATION NO.  
09/194,844  
APPLICANT  
CUENOUD ET AL.  
FILING DATE May 14, 1999

Group

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JAN 27 2004  
U.S. PATENT & TRADEMARK OFFICE

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
AA	5,750,673	5/12/98	Martin	536	26.1	
AB						
AC						
AD						
AE						
AF						
AG						
AH						
AI						
AJ						
AK						
AL						

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	OFFICE	CLASS	SUBCLASS	TRANSLATION YES	NO
AM	2,123,241	11/13/94	CA (E P 0626387)			<input type="checkbox"/>	<input type="checkbox"/>
AN	0 679 657	11/2/95	EP (see US 5,750,673)			<input type="checkbox"/>	<input checked="" type="checkbox"/>
AO	41 10 085	10/1/92	DE (see English Abstract)			<input type="checkbox"/>	<input checked="" type="checkbox"/>
AP	WO 91/06556	5/16/91	PCT			<input type="checkbox"/>	<input type="checkbox"/>
AQ	WO 91/15499	10/17/91	PCT			<input type="checkbox"/>	<input type="checkbox"/>

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

AR	Beaucage et al., Tetrahedron Report Number 309, Vol. 48, No. 12, pp. 2223-2311 (1991)
AS	Cohen J. et al., Scientific American, The New Genetic Medicines, pp. 50-55 (1994)
AT	Crooke et al, International ISBN 3-540-58890-6, Medical Intelligence Unit, Therapeutic Applications of Oligonucleotides, R. G. Landes Company, Austin

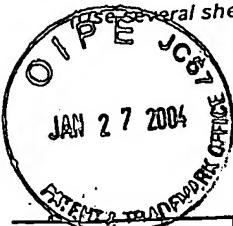
EXAMINER

DATE CONSIDERED

\*EXAMINER: Initial of reference considered, whether or not citation is in conformance with MPEP 609: Draw a line through citation if not in conformance and not considered. Include a copy of this form with the next communication to applicant.

## INFORMATION DISCLOSURE CITATION

(use several sheets if necessary)



ATTY. DOCKET NO.  
4-20890/A/PCT  
APPLICATION NO.  
09/194,844  
APPLICANT  
CUENOUD ET AL.  
FILING DATE May 14, 1999

Group

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

AU	De Mesmaecker et al., Current Opinion in Structural Biology, Vol. 5, pp. 343-355 (1995)
AV	Douglas M. et al., Pergamon, Bioorg. & Medicinal Chemistry Letters, Vol. 4, No. 8, pp. 995-1000 (1994)
AW	Inoue et al., Nucleic Acids Research, Vol. 15, No. 15, pp. 6131-6148 (1987)
AX	Iribarren A., et al., Biochemistry, Proc. Natl. Acad. Sci., USA, Vol. 87, pp. 7747-7751 (1990)
AY	Keller et al., Helvetica Chimica Acta., Vol. 76, pp. 884-892 (1993)
AZ	Keller et al., Nucleic Acids Research, Vol. 21, No. 19, pp. 4499-4505 (1993)
BA	Lesnik. et al., Biochemistry, Vol. 32, pp. 7832-7838 (1993)
BB	Manoharan M. et al., Tetrahedron Letters, Vol. 32, No. 49. pp. 7171-7174 (1991)
BC	Martin P., Helvetica Chimica Acta, Vol. 78, pp. 486-504 (1995)
BD	Plum G. et al., Annu. Rev. Biophys. Biomol. Struct., Vol. 24, pp. 319-350 (1995)
BE	Stull R. et al., Pharmaceutical Research, Vol. 12, No. 4, pp. 465-483 (1995)
BF	Abstract 92-332937 (DE 4110 085, 11/15/93)
BG	Copy of International Search Report
AN	
EXAMINER	DATE CONSIDERED

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 APPLICANT  
 CUENOU ET AL.  
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Sheet 3 of 3

Group

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	OFFICE	CLASS	SUBCLASS	TRANSLATION YES <input type="checkbox"/> NO <input type="checkbox"/>
AA	92/03568	3/5/92	PCT			<input type="checkbox"/> <input type="checkbox"/>
AB	93/07883	4/29/93	PCT			<input type="checkbox"/> <input type="checkbox"/>
AC	93/13121	7/8/93	PCT			<input type="checkbox"/> <input type="checkbox"/>
AD	93/17717	9/16/93	WO			<input type="checkbox"/> <input type="checkbox"/>
AE	94/02501	2/3/94	PCT			<input type="checkbox"/> <input type="checkbox"/>
AF	95/03568	3/5/92	PCT			<input type="checkbox"/> <input type="checkbox"/>
AG	95/06659	3/9/95	WO			<input type="checkbox"/> <input type="checkbox"/>
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AY						<input type="checkbox"/> <input type="checkbox"/>
AZ						<input type="checkbox"/> <input type="checkbox"/>

EXAMINER

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